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PATENT

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12-34-2  
D. BEIL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
Slocum, et al. )  
Serial No.: 09/650,182 )  
Filed: August 29, 2000 )  
For: COLORIMETER HAVING FIELD )  
PROGRAMMABLE GATE ARRAY )  
Attorney Docket No.: 24837/04206 )

Examiner: Z. Smith  
Art Unit: 2877

AMENDMENT

Commissioner for Patents  
BOX RESPONSE  
Washington, D.C. 20231

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DEC 09 2002

Technology Center 2600

Dear Sir:

Responsive to the Office Action of May 22, 2002, Applicant respectfully requests amendment of the present applications as follows:

In the Claims:

Claims 13 and 15-17 are amended.

Please cancel Claims 1, 2 and 14 without prejudice or disclaimer.

Please replace the claims as follows:

13. A process for measuring a color of an object comprising the steps of:
- filtering light from the object with a plurality of filters responsive across overlapping wavelength regions at longer wavelengths of the visible spectrum;
  - detecting the filtered light and generating a plurality of light signals representative of the filtered light detected;
  - reading the plurality of light signals in parallel;
  - wherein the reading includes accumulating the plurality of light signals for a selected time period; and
  - generating output signals based on the plurality of light signals read which represent the color of the object.

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